

Pipow_P_1_03
Examiner Alan B. Cariaso

10/661.420
Art Unit 2875

AMENDMENTS TO THE CLAIMS

CLAIM HISTORY

Claims 1 - 20 are presently pending.

Claims 1 – 3 and 6 – 18 are allowed.

Claims 4, 5, 19 and 20 are rejected.

Claims 4, 5, 19 and 20 are currently amended.

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (original) A self-illuminating fabricated solid object assembly comprising:

a) a fabricated solid object having at least one visually exposed surface and having at least one aperture open to an outer surface;

b) at least one optical fiber embedded within said fabricated solid object, said fiber having a first end and a second end, said first end of said fiber arranged to terminate at said at least one visually exposed surface of said fabricated solid object;

c) at least one receptacle embedded within said solid object, said receptacle having at least a first end and a second end, said first end of said receptacle adapted to encompass said second end of said at least one optical fiber, said second end of said receptacle operatively coupled with said aperture;

d) at least one reversibly powered light source,
with said second end of said receptacle adapted to reversibly receive said light source providing for operative contact of said light source with said second end of said fiber enabling light emitted from said light source to be guided from said light source through said fiber, whereby light is emitted from said visually exposed surface of said fabricated object.

Claim 2 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said fabricated solid is fabricated using any known solidification means.

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Claim 3 (original) The self-illuminating object assembly, as recited in Claim 2, wherein said known solidification means includes setting techniques.

Claim 4 (currently amended) The self-illuminating object assembly, as recited in Claim [[1]] 2, wherein said known solidification means includes pressing techniques.

Claim 5 (currently amended) The self-illuminating object assembly, as recited in Claim [[1]] 2, wherein said known solidification means includes molding techniques.

Claim 6 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said assembly further comprises a plurality of optical fibers.

Claim 7 (original) The self-illuminating object assembly, as recited in Claim 6, wherein each first end of each of said plurality of optical fibers is positioned to define at least one predetermined pattern on said visually exposed surface of said fabricated solid object.

Claim 8 (original) The self-illuminating object assembly, as recited in Claim 7, wherein said self-illuminating object assembly further comprises a plurality of predetermined patterns on said visually exposed surface of said fabricated solid object, wherein each pattern's illumination is provided by a unique light source.

Claim 9 (original) The self-illuminating object assembly, as recited in Claim 8, wherein each said unique light source provides a unique colored light.

Claim 10 (original) The self-illuminating object assembly, as recited in Claim 8, wherein said plurality of predetermined patterns comprise seasonal designs.

Claim 11 (original) The self-illuminating object assembly, as recited in Claim 8, wherein said plurality of predetermined patterns comprise informational messages.

12. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 8, wherein said plurality of predetermined patterns comprise advertising.

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13. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said self-illuminating object assembly further comprises a notched base.

14. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said self-illuminating object further comprises statuary.

15. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said self-illuminating object further comprises a paving stone.

16. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said self-illuminating object further comprises a building block.

17. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said self-illuminating object further comprises a transparent object.

18. Claim 1 (original) The self-illuminating object assembly, as recited in Claim 1, wherein said light source further comprises a light emitting diode.

19. Claim 1 (currently amended) A method for illuminating an object assembly, comprising the steps of:

- a. providing for at least one object to be illuminated;
- b. providing for at least one aperture in said at least one object to be illuminated;
- c. providing for at least one light source ~~as described in Claim 18~~;
- d. providing for at least one optical fiber functionally embedded within said object, said fiber having a first end and a second end, said first end of said fiber arranged to terminate at an at least one visually exposed surface of said object, and
- e. reversibly inserting said at least one light source within said at least one aperture, said light source providing illumination to a second end of said fiber enabling light emitted from said light source to be guided from said light source through said fiber, wherein light is emitted from said visually exposed surface of said object assembly.

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20. Claim 1 (currently amended) A self-illuminating fabricated solid object assembly comprising:

a) a fabricated solid object having at least one visually exposed surface and having at least one aperture open to an outer surface;

b) at least one optical fiber, said fiber embedded within said fabricated solid object providing for one end of said fiber to terminate on said at least one visually exposed surface of said fabricated solid object;

c) at least one receiving means embedded within said solid object and operatively coupled with said aperture, said receiving means adapted for encompassing another end of said at least one optical fiber;

d) at least one light emitting diode light source means,
wherein said receiving means adapted to reversibly receive said light source means providing for operative contact of said light source means with the end of said fiber encompassed by said receiving means enabling light emitted from said light source means to be guided from said light source means to the end of said at least one optical fiber visibly terminating on said visually exposed surface of said fabricated object.